

Title (en)

AQUEOUS COATING COMPOSITIONS EXHIBITING INCREASED OPEN TIME WITH REDUCED LEVELS OF VOLATILE ORGANIC COMPOUNDS

Title (de)

WÄSSRIGE BESCHICHTUNGSZUSAMMENSETZUNGEN MIT ERHÖHTER OFFENZEIT UND VERMINDERTEM ANTEIL AN FLÜCHTIGEN ORGANISCHEN VERBINDUNGEN

Title (fr)

COMPOSITIONS DE REVÊTEMENT AQUEUX PRÉSENTANT UN TEMPS D'OUVERTURE ACCRU AVEC DES NIVEAUX RÉDUITS DE COMPOSÉS ORGANIQUES VOLATILS

Publication

EP 2265391 A2 20101229 (EN)

Application

EP 09726763 A 20090401

Priority

- US 2009039161 W 20090401
- US 6183608 A 20080403

Abstract (en)

[origin: US2008182929A1] In addition to acting as effective plasticizers, dibenzoates of diethylene and dipropylene glycols in combination with at least one of the corresponding monoesters within a specified concentration range are unique in their ability to extend the open time exhibited by aqueous polymer compositions, and are thereby capable of replacing at least a portion of more volatile organic compounds (VOC.'s) such as diols, glycols and esters of mono- and dihydric alcohols and benzoates of monohydric alcohols that are typically used as coalescents for these polymer compositions.

IPC 8 full level

B05D 3/02 (2006.01)

CPC (source: EP KR US)

C08L 101/00 (2013.01 - KR); **C09D 5/024** (2013.01 - EP US); **C09D 7/20** (2017.12 - EP US); **C09D 11/033** (2013.01 - EP US); **C09D 201/00** (2013.01 - KR); **C09J 201/00** (2013.01 - KR); **C08K 5/103** (2013.01 - EP US)

Citation (search report)

See references of WO 2009124126A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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